

Datasheet for ABIN2855553  
**anti-DAK antibody (Center)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	DAK
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAK antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human DAK. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Chimpanzee
Cross-Reactivity (Details):	Chimpanzee (100 %)
Characteristics:	Rabbit Polyclonal antibody to DAK (bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing)) DAK antibody
Purification:	Purified by antigen-affinity chromatography.

## Target Details

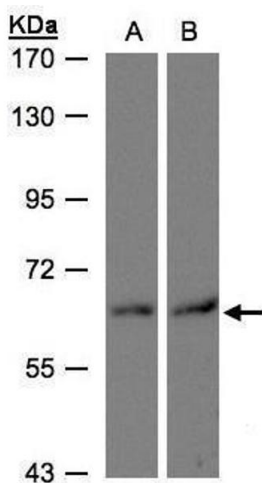
Target:	DAK
Alternative Name:	DAK ( <a href="#">DAK Products</a> )
Background:	This gene is a member of the family of dihydroxyacetone kinases, which have a protein structure distinct from other kinases. The product of this gene phosphorylates dihydroxyacetone, and also catalyzes the formation of riboflavin 4',5'-phosphate (aka cyclin FMN) from FAD. Several alternatively spliced transcript variants have been identified, but the full-length nature of only one has been determined.
Molecular Weight:	59 kDa
Gene ID:	26007

## Application Details

Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: HepG2 , Raji
Restrictions:	For Research Use only

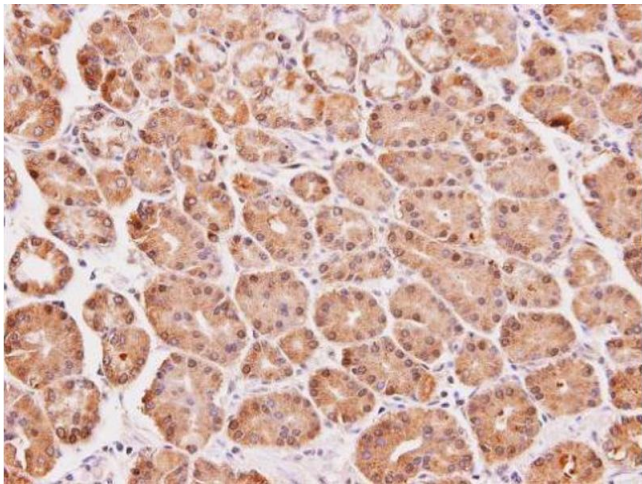
## Handling

Format:	Liquid
Concentration:	0.76 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



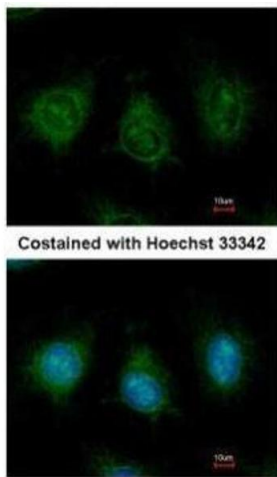
Western Blotting

**Image 1.** WB Image Sample(30 ug whole cell lysate) A:Hep G2, B:Raji, 7.5% SDS PAGE antibody diluted at 1:500



Immunohistochemistry

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human lung SCC, using DAK, antibody at 1:100 dilution.



Immunofluorescence

**Image 3.** ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using DAK, antibody at 1:500 dilution.